```
LLL                 IIIIIIIII   BBBBBBBBBBBB   RRRRRRRRRRR    TTTTTTTTTTTTTTT   LLL
LLL                 IIIIIIIII   BBBBBBBBBBBB   RRRRRRRRRRR    TTTTTTTTTTTTTTT   LLL
LLL                 IIIIIIIII   BBBBBBBBBBBB   RRRRRRRRRRR    TTTTTTTTTTTTTTT   LLL
LLL                    III      BBB      BBB   RRR      RRR        TTT          LLL
LLL                    III      BBB      BBB   RRR      RRR        TTT          LLL
LLL                    III      BBB      BBB   RRR      RRR        TTT          LLL
LLL                    III      BBB      BBB   RRR      RRR        TTT          LLL
LLL                    III      BBB      BBB   RRR      RRR        TTT          LLL
LLL                    III      BBBBBBBBBBBB   RRRRRRRRRRR         TTT          LLL
LLL                    III      BBBBBBBBBBBB   RRRRRRRRRRR         TTT          LLL
LLL                    III      BBB      BBB   RRR   RRR           TTT          LLL
LLL                    III      BBB      BBB   RRR   RRR           TTT          LLL
LLL                    III      BBB      BBB   RRR      RRR        TTT          LLL
LLL                    III      BBB      BBB   RRR      RRR        TTT          LLL
LLL                    III      BBB      BBB   RRR      RRR        TTT          LLL
LLLLLLLLLLLLLLLL    IIIIIIIII   BBBBBBBBBBBB   RRR      RRR        TTT          LLLLLLLLLLLLLLLL
LLLLLLLLLLLLLLLL    IIIIIIIII   BBBBBBBBBBBB   RRR      RRR        TTT          LLLLLLLLLLLLLLLL
LLLLLLLLLLLLLLLL    IIIIIIIII   BBBBBBBBBBBB   RRR      RRR        TTT          LLLLLLLLLLLLLLLL
```

```
LL          IIIIII  BBBBBBBB    CCCCCCC  VV      VV  TTTTTTTTTT  PPPPPPPP   TTTTTTTTTT   000000
LL          IIIIII  BBBBBBBB    CCCCCCC  VV      VV  TTTTTTTTTT  PPPPPPPP   TTTTTTTTTT   000000
LL            II    BB      BB  CC        VV    VV       TT      PP    PP       TT      00    00
LL            II    BB      BB  CC        VV    VV       TT      PP    PP       TT      00    00
LL            II    BB      BB  CC         VV  VV        TT      PP    PP       TT      00    00
LL            II    BBBBBBBB    CC         VV  VV        TT      PPPPPPPP       TT      00    00
LL            II    BBBBBBBB    CC         VV  VV        TT      PPPPPPPP       TT      00    00
LL            II    BB      BB  CC          VVVV         TT      PP             TT      00    00
LL            II    BB      BB  CC          VVVV         TT      PP             TT      00    00
LL            II    BB      BB  CC       VV      VV      TT      PP             TT      00    00    ::::
LL            II    BB      BB  CC       VV      VV      TT      PP             TT      00    00    ::::
LLLLLLLLL   IIIIII  BBBBBBBB    CCCCCCC      VV          TT      PP             TT      000000      ::::
LLLLLLLLL   IIIIII  BBBBBBBB    CCCCCCC      VV          TT      PP             TT      000000      ::::

LL          IIIIII  SSSSSSSS
LL          IIIIII  SSSSSSSS
LL            II    SS
LL            II    SS
LL            II    SS
LL            II      SSSSSS
LL            II      SSSSSS
LL            II          SS
LL            II          SS
LL            II          SS
LLLLLLLLL   IIIIII  SSSSSSSS
LLLLLLLLL   IIIIII  SSSSSSSS
```

LIB$AB_CVTPT_O
1-003

B 3
Packed to Overpunch Translation Table   15-SEP-1984 23:51:56   VAX/VMS Macro V04-00   Page 1
                                           6-SEP-1984 11:04:55   [LIBRTL.SRC]LIBCVTPTO.MAR;1   (1)

```
0000       1              .TITLE  LIB$AB_CVTPT_O    Packed to Overpunch Translation Table
0000       2              .IDENT  /1-0037           ; File: LIBCVTPTO.MAR
0000       3
0000       4
0000       5    ;****************************************************************************
0000       6    ;*                                                                          *
0000       7    ;*  COPYRIGHT (c) 1978, 1980, 1982, 1984 BY                                 *
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0000      23    ;*  SOFTWARE ON EQUIPMENT WHICH IS NOT SUPPLIED BY DIGITAL.                 *
0000      24    ;*                                                                          *
0000      25    ;*                                                                          *
0000      26    ;****************************************************************************
0000      27
0000      28    ; FACILITY: LIBRARY SUPPORT
0000      29    ;++
0000      30    ; ABSTRACT:
0000      31    ;       This module contains the translation table for packed to overpunch
0000      32    ;       conversion using the CVTPT instruction.
0000      33    ;
0000      34    ;--
0000      35    ;
0000      36    ;
0000      37    ; VERSION: 1
0000      38    ;
0000      39    ; HISTORY:
0000      40    ;
0000      41    ; AUTHOR:
0000      42    ;       Marty Jack, 11-Mar-1979
0000      43    ;
0000      44    ; MODIFIED BY:
0000      45    ;
0000      46    ;
0000      47    ;
```

LIB$AB_CVTPT_O
1-003

C 3
Packed to Overpunch Translation Table   15-SEP-1984 23:51:56   VAX/VMS Macro V04-00   Page 2
HISTORY ; Detailed Current Edit History 6-SEP-1984 11:04:55 [LIBRTL.SRC]LIBCVTPTO.MAR;1   (2)

```
                    0000     49                .SBTTL  HISTORY              ; Detailed Current Edit History
                    0000     50
                    0000     51
                    0000     52 ; Edit History for Version 1 of LIBCVTPTO
                    0000     53 ;
                    0000     54 ; 1-001 - Original.  MLJ 11-Mar-1979
                    0000     55 ; 1-002 - Create LIBCVTPTO from COBCVTPTO. RKR 21-Aug-1979
                    0000     56 ; 1-003 - Cosmetic changes.  RKR 21-OCT-79
```

LIB$AB_CVTPT_O
1-003

D 3
Packed to Overpunch Translation Table   15-SEP-1984 23:51:56   VAX/VMS Macro V04-00   Page 3
DECLARATIONS   6-SEP-1984 11:04:55   [LIBRTL.SRC]LIBCVTPTO.MAR;1   (3)

```
            0000      58            .SBTTL  DECLARATIONS
            0000      59
            0000      60  ;
            0000      61  ; INCLUDE FILES:
            0000      62  ;
            0000      63
            0000      64
            0000      65  ; EXTERNAL SYMBOLS:
            0000      66  ;     NONE
            0000      67  ;
            0000      68
            0000      69
            0000      70  ; MACROS:
            0000      71  ;     NONE
            0000      72  ;
            0000      73
            0000      74  ;
            0000      75  ; PSECT DECLARATIONS:
        00000000      76            .PSECT  _LIB$CODE        PIC, SHR, LONG, EXE, NOWRT
            0000      77
            0000      78  ;
            0000      79  ; EQUATED SYMBOLS:
            0000      80  ;     NONE
            0000      81  ;
            0000      82
            0000      83  ;
            0000      84  ; OWN STORAGE:
            0000      85  ;     NONE
            0000      86  ;
```

```
                                0000      88                    .SBTTL  LIB$AB_CVTPT_O
                                0000      89
                                0000      90   ;++
                                0000      91   ; FUNCTIONAL DESCRIPTION:
                                0000      92   ;
                                0000      93   ;       This is the packed to overpunch translation table.
                                0000      94   ;--
                                0000      95
                                0000      96
                                0000      97   LIB$AB_CVTPT_O::
 7B 7B 7B 7B 7B 7B 7B 7B        0000      98           .BYTE   ^X7B,^X7B,^X7B,^X7B,^X7B,^X7B,^X7B,^X7B
 7B 7B 7D 7B 7D 7B 7B 7B        0008      99           .BYTE   ^X7B,^X7B,^X7B,^X7D,^X7B,^X7D,^X7B,^X7B
 7B 7B 7B 7B 7B 7B 7B 7B        0010     100           .BYTE   ^X7B,^X7B,^X7B,^X7B,^X7B,^X7B,^X7B,^X7B
 41 41 4A 41 4A 41 7B 7B        0018     101           .BYTE   ^X7B,^X7B,^X41,^X4A,^X41,^X4A,^X41,^X41
 7B 7B 7B 7B 7B 7B 7B 7B        0020     102           .BYTE   ^X7B,^X7B,^X7B,^X7B,^X7B,^X7B,^X7B,^X7B
 42 42 4B 42 4B 42 7B 7B        0028     103           .BYTE   ^X7B,^X7B,^X42,^X4B,^X42,^X4B,^X42,^X42
 7B 7B 7B 7B 7B 7B 7B 7B        0030     104           .BYTE   ^X7B,^X7B,^X7B,^X7B,^X7B,^X7B,^X7B,^X7B
 43 43 4C 43 4C 43 7B 7B        0038     105           .BYTE   ^X7B,^X7B,^X43,^X4C,^X43,^X4C,^X43,^X43
 7B 7B 7B 7B 7B 7B 7B 7B        0040     106           .BYTE   ^X7B,^X7B,^X7B,^X7B,^X7B,^X7B,^X7B,^X7B
 44 44 4D 44 4D 44 7B 7B        0048     107           .BYTE   ^X7B,^X7B,^X44,^X4D,^X44,^X4D,^X44,^X44
 7B 7B 7B 7B 7B 7B 7B 7B        0050     108           .BYTE   ^X7B,^X7B,^X7B,^X7B,^X7B,^X7B,^X7B,^X7B
 45 45 4E 45 4E 45 7B 7B        0058     109           .BYTE   ^X7B,^X7B,^X45,^X4E,^X45,^X4E,^X45,^X45
 7B 7B 7B 7B 7B 7B 7B 7B        0060     110           .BYTE   ^X7B,^X7B,^X7B,^X7B,^X7B,^X7B,^X7B,^X7B
 46 46 4F 46 4F 46 7B 7B        0068     111           .BYTE   ^X7B,^X7B,^X46,^X4F,^X46,^X4F,^X46,^X46
 7B 7B 7B 7B 7B 7B 7B 7B        0070     112           .BYTE   ^X7B,^X7B,^X7B,^X7B,^X7B,^X7B,^X7B,^X7B
 47 47 50 47 50 47 7B 7B        0078     113           .BYTE   ^X7B,^X7B,^X47,^X50,^X47,^X50,^X47,^X47
 7B 7B 7B 7B 7B 7B 7B 7B        0080     114           .BYTE   ^X7B,^X7B,^X7B,^X7B,^X7B,^X7B,^X7B,^X7B
 48 48 51 48 51 48 7B 7B        0088     115           .BYTE   ^X7B,^X7B,^X48,^X51,^X48,^X51,^X48,^X48
 7B 7B 7B 7B 7B 7B 7B 7B        0090     116           .BYTE   ^X7B,^X7B,^X7B,^X7B,^X7B,^X7B,^X7B,^X7B
 49 49 52 49 52 49 7B 7B        0098     117           .BYTE   ^X7B,^X7B,^X49,^X52,^X49,^X52,^X49,^X49
 7B 7B 7B 7B 7B 7B 7B 7B        00A0     118           .BYTE   ^X7B,^X7B,^X7B,^X7B,^X7B,^X7B,^X7B,^X7B
 7B 7B 7B 7B 7B 7B 7B 7B        00A8     119           .BYTE   ^X7B,^X7B,^X7B,^X7B,^X7B,^X7B,^X7B,^X7B
 7B 7B 7B 7B 7B 7B 7B 7B        00B0     120           .BYTE   ^X7B,^X7B,^X7B,^X7B,^X7B,^X7B,^X7B,^X7B
 7B 7B 7B 7B 7B 7B 7B 7B        00B8     121           .BYTE   ^X7B,^X7B,^X7B,^X7B,^X7B,^X7B,^X7B,^X7B
 7B 7B 7B 7B 7B 7B 7B 7B        00C0     122           .BYTE   ^X7B,^X7B,^X7B,^X7B,^X7B,^X7B,^X7B,^X7B
 7B 7B 7B 7B 7B 7B 7B 7B        00C8     123           .BYTE   ^X7B,^X7B,^X7B,^X7B,^X7B,^X7B,^X7B,^X7B
 7B 7B 7B 7B 7B 7B 7B 7B        00D0     124           .BYTE   ^X7B,^X7B,^X7B,^X7B,^X7B,^X7B,^X7B,^X7B
 7B 7B 7B 7B 7B 7B 7B 7B        00D8     125           .BYTE   ^X7B,^X7B,^X7B,^X7B,^X7B,^X7B,^X7B,^X7B
 7B 7B 7B 7B 7B 7B 7B 7B        00E0     126           .BYTE   ^X7B,^X7B,^X7B,^X7B,^X7B,^X7B,^X7B,^X7B
 7B 7B 7B 7B 7B 7B 7B 7B        00E8     127           .BYTE   ^X7B,^X7B,^X7B,^X7B,^X7B,^X7B,^X7B,^X7B
 7B 7B 7B 7B 7B 7B 7B 7B        00F0     128           .BYTE   ^X7B,^X7B,^X7B,^X7B,^X7B,^X7B,^X7B,^X7B
 7B 7B 7B 7B 7B 7B 7B 7B        00F8     129           .BYTE   ^X7B,^X7B,^X7B,^X7B,^X7B,^X7B,^X7B,^X7B
                                0100     130   ;
                                0100     131           .END
```

LIB$AB_CVTPT_O
Symbol table
Packed to Overpunch Translation Table
F 3
15-SEP-1984 23:51:56 VAX/VMS Macro V04-00
6-SEP-1984 11:04:55 [LIBRTL.SRC]LIBCVTPTO.MAR;1
Page 5
(4)

LIB$AB_CVTPT_O   00000000 RG   01

```
                            +-----------------+
                            ! Psect synopsis !
                            +-----------------+
```

PSECT name	Allocation	PSECT No.	Attributes									
. ABS .	00000000 (0.)	00 (0.)	NOPIC	USR	CON	ABS	LCL	NOSHR	NOEXE	NORD	NOWRT	NOVEC	BYTE
_LIB$CODE	00000100 (256.)	01 (1.)	PIC	USR	CON	REL	LCL	SHR	EXE	RD	NOWRT	NOVEC	LONG

```
                        +---------------------------+
                        ! Performance indicators !
                        +---------------------------+
```

Phase	Page faults	CPU Time	Elapsed Time
Initialization	29	00:00:00.06	00:00:03.30
Command processing	110	00:00:00.27	00:00:05.38
Pass 1	70	00:00:00.46	00:00:04.60
Symbol table sort	0	00:00:00.00	00:00:00.00
Pass 2	38	00:00:00.21	00:00:02.30
Symbol table output	1	00:00:00.01	00:00:00.01
Psect synopsis output	2	00:00:00.01	00:00:00.01
Cross-reference output	0	00:00:00.00	00:00:00.00
Assembler run totals	252	00:00:01.02	00:00:15.60

The working set limit was 900 pages.
2615 bytes (6 pages) of virtual memory were used to buffer the intermediate code.
There were 10 pages of symbol table space allocated to hold 1 non-local and 0 local symbols.
131 source lines were read in Pass 1, producing 8 object records in Pass 2.
0 pages of virtual memory were used to define 0 macros.

```
                        +------------------------------+
                        ! Macro library statistics !
                        +------------------------------+
```

Macro library name	Macros defined
_255DUA28:[SYSLIB]STARLET.MLB;2	0

0 GETS were required to define 0 macros.

There were no errors, warnings or information messages.

MACRO/ENABLE=SUPPRESSION/DISABLE=(GLOBAL,TRACEBACK)/LIS=LIS$:LIBCVTPTO/OBJ=OBJ$:LIBCVTPTO MSRC$:LIBCVTPTO/UPDATE=(ENH$:LIBCVTPTO)

LIBCVTTPU
LIS

LIBCVTUO
LIS

LIBDECOVE
LIS

LIBDAY
LIS

LIBCVTOU
LIS

LIBCVTPTU
LIS

LIBCVTTPO
LIS

LIBDECODF
LIS

LIBDOCOM
LIS

LIBCVTTPZ
LIS

LIBDATETI
LIS

LIBDELETE
LIS

LIBCVTPTO
LIS

LIBDAYWK
LIS

LIBCVTPTZ
LIS